What Is Claimed Is:

1. A nucleic acid molecule comprising the sequence shown in Fig. 1.

5   2. The nucleic acid molecule according to claim 1, which is the *HpYPS1* gene encoding

Hansenula polymorpha yapsin1 (Accession No. KCTC 10285BP).

3. A polypeptide comprising the amino acid sequence shown in Fig.1.

10   4. The polypeptide according to claim 3, which is *Hansenula polymorpha* yapsin1 which

can cleave a protein comprising a basic or dibasic amino acid residue.

5. The polypeptide according to claim 3, which is a secretion signal peptide of HpYPS1

polypeptide used as a secretion signal of a foreign protein.

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6. A *Hansenula polymorpha* mutant strain having yapsin activity reduced by mutation of

HpYPS1 gene encoding *Hansenula polymorpha* yapsin1.

7. The *Hansenula polymorpha* mutant strain according to claim 6 deposited under

20   Accession No. KCTC 10281BP.

8. A recombinant *Hansenula polymorpha* strain expressing a foreign protein which is prepared by introducing a gene encoding the foreign protein to the *Hansenula polymorpha* mutant strain according to claim 6.

5   9. The recombinant *Hansenula polymorpha* strain according to claim 8, which is *hpyps1 Δ*-pMOXhPTH (KCTC 10282BP).

10. The recombinant *Hansenula polymorpha* strain according to claim 8, which is *hpyps1 Δ*-pYHSA12 (KCTC 10283BP).

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11. The recombinant *Hansenula polymorpha* strain according to claim 8, which is *hpyps1 Δ*-pYHSA13-TIMP2 (KCTC 10485BP).

12. A process for preparing and isolating a foreign protein comprising expressing the

15   foreign protein using the *Hansenula polymorpha* yapsin1 deficient strain according to any one of claims 8 to 11 as a host.

13. The process according to claim 12, in which the foreign protein is a recombinant protein containing a basic or dibasic amino acid residue which can be cleaved by yapsin1.

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14. The process according to claim 13, in which the protein containing a basic or dibasic

amino acid residue comprises human parathyroid hormone, human serum albumin and

albumin fusion protein.